

Readiness Level of Engineering Freshman Students in College Physics

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Liberty Gay Manalo, Aida B. Baniqued, Cesar A. Dulog : Readiness Level of Engineering Freshman Students in College Physics before purchasing it in order to gage whether or not it would be worth my time, and all praised Readiness Level of Engineering Freshman Students in College Physics:

Research Paper (postgraduate) from the year 2015 in the subject Guidebooks - School, Education, Pedagogy, Rizal Technological University, language: English, abstract: This study aims to find out the readiness level of engineering freshman students in college physics at Rizal Technological University of the academic year 2013-2014.The

descriptive method through correlational survey technique was used in the study. Percentage, analysis of variance and spearman rank correlation coefficient was used to analyze the data and the readiness level of the respondents was categorized based on DepEd Order No. 73, 2012. Results of the study showed the level of proficiency of the respondents in high school physics is proficient, developing in college algebra, plane and spherical trigonometry and in Hewitt's basic content in physics. No significant variations in the college physics performance of respondents when grouped according to profile variables. A negative correlation between the respondents' performances in Hewitt's Basic Content Physics Test and a positive correlation in college algebra. The positive correlation between the respondents' performances in Hewitt's Basic Content Physics Test and in plane and spherical trigonometry with a computed r -value of 0.12 is found to be significant at 0.05 level. Based on the findings, researchers recommended to identify other factors that might affect students' readiness in college physics aside from the variables used in the study.